

FIG. 1A

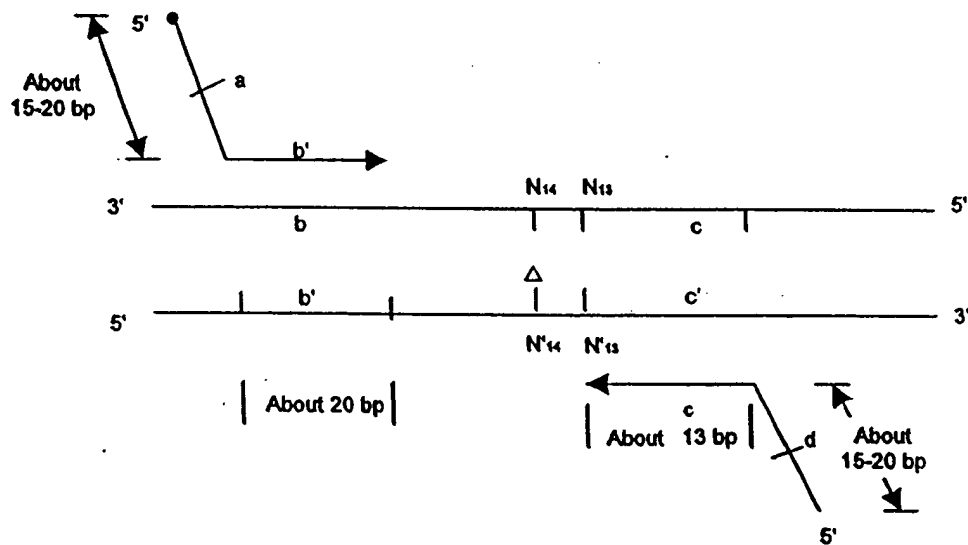


FIG. 1B

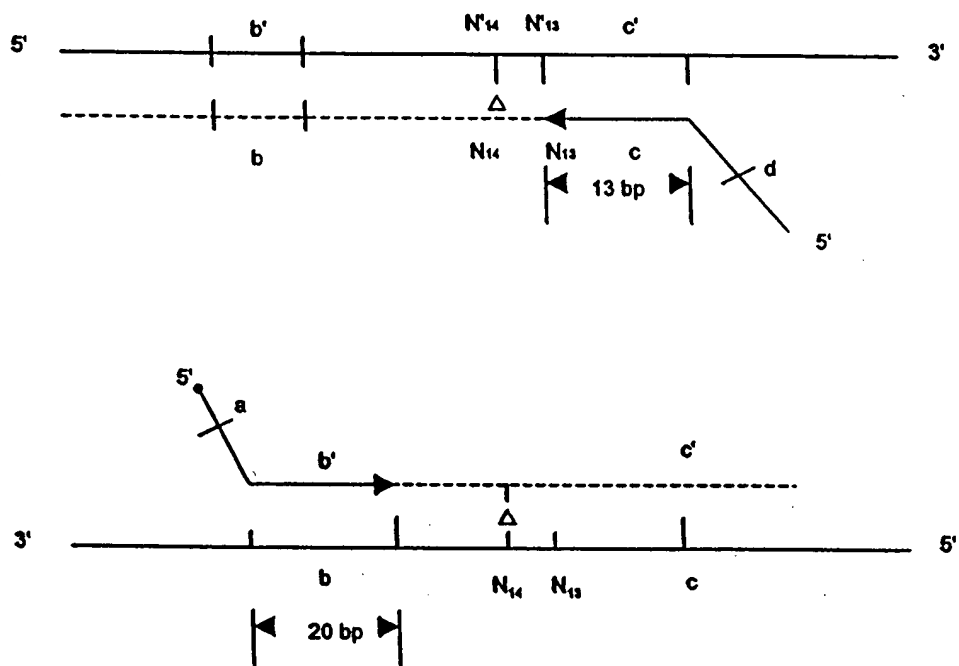


FIG. 1C

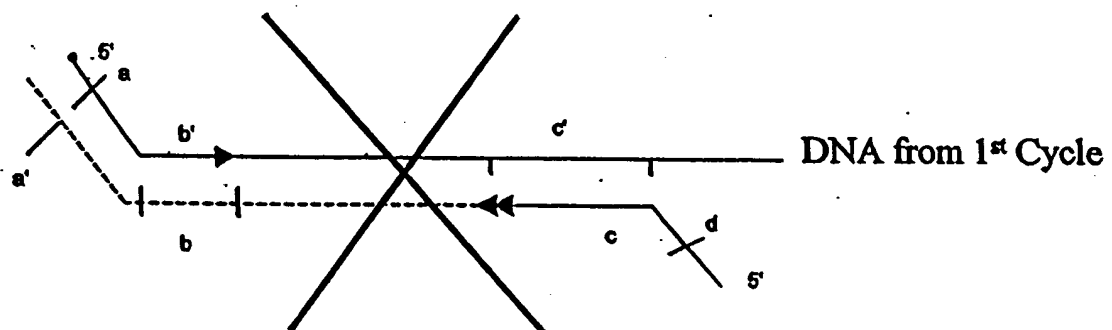
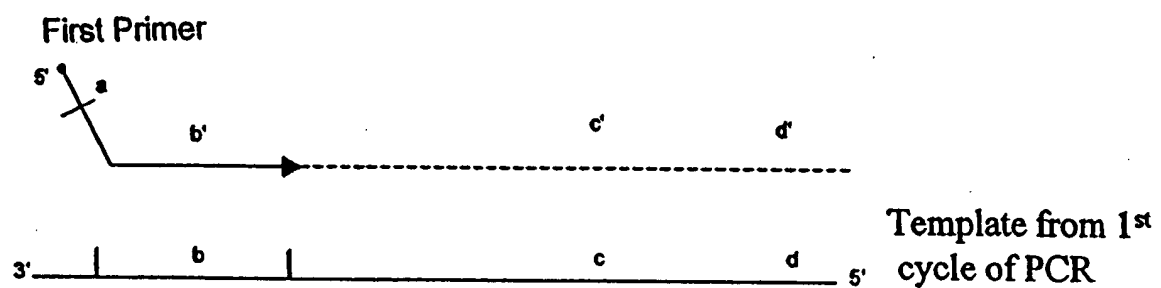


FIG. 1D

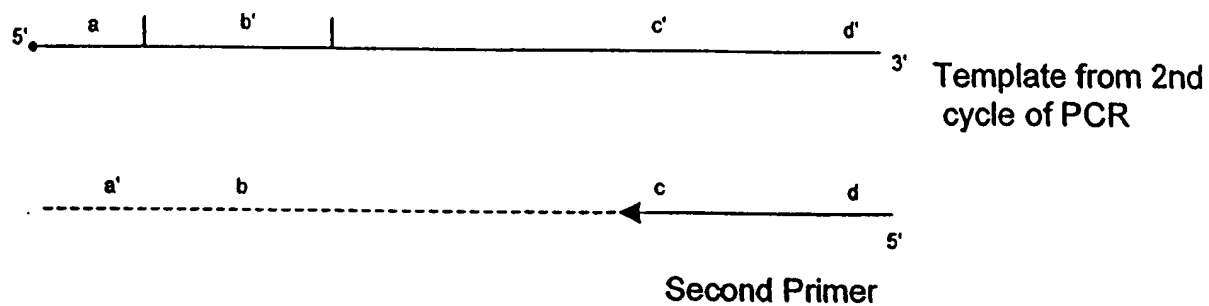


FIG. 1E

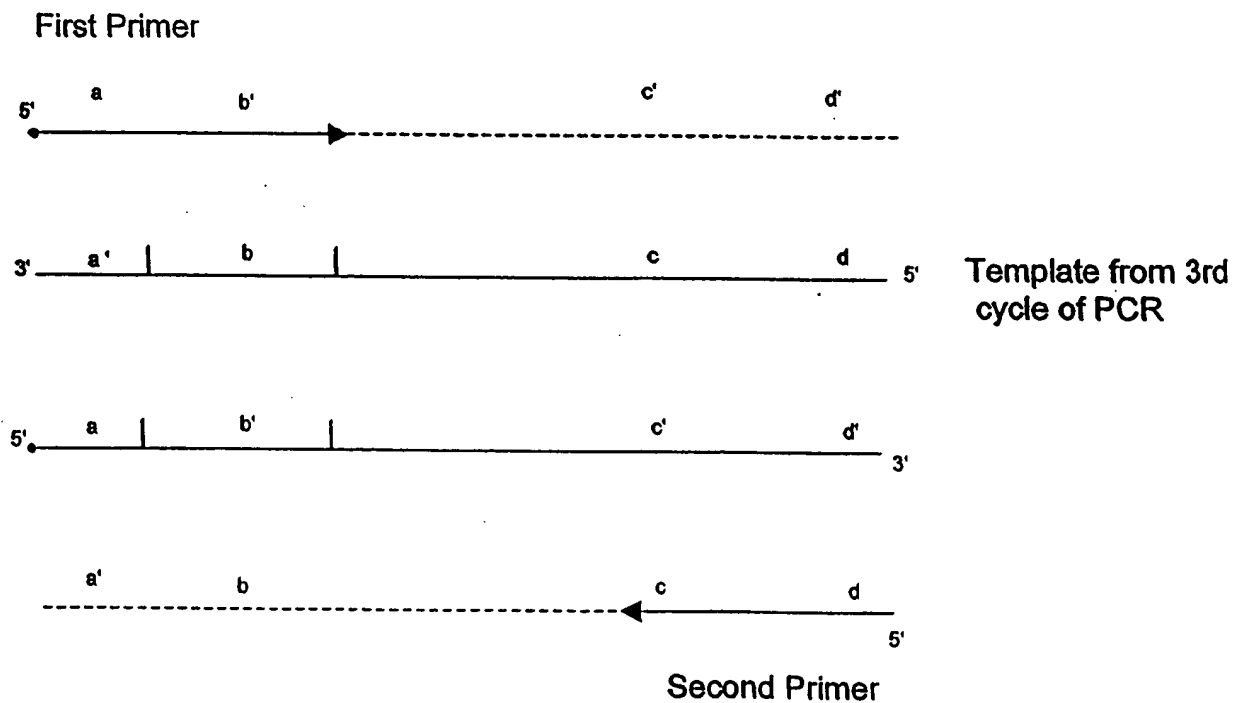


FIG. 1F

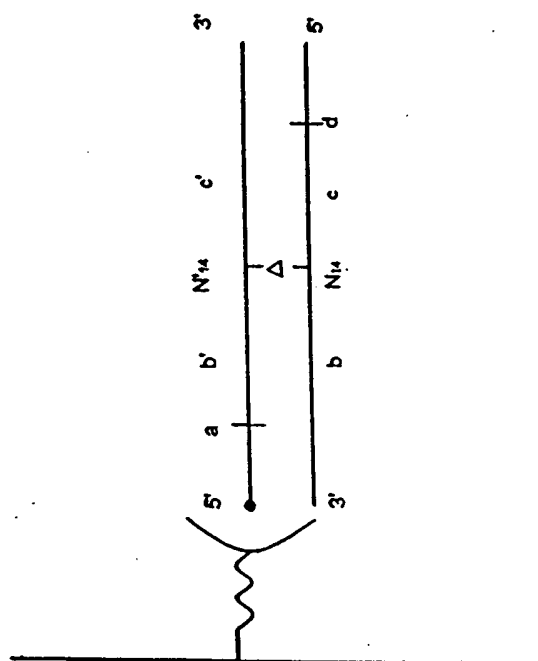


FIG. 1G

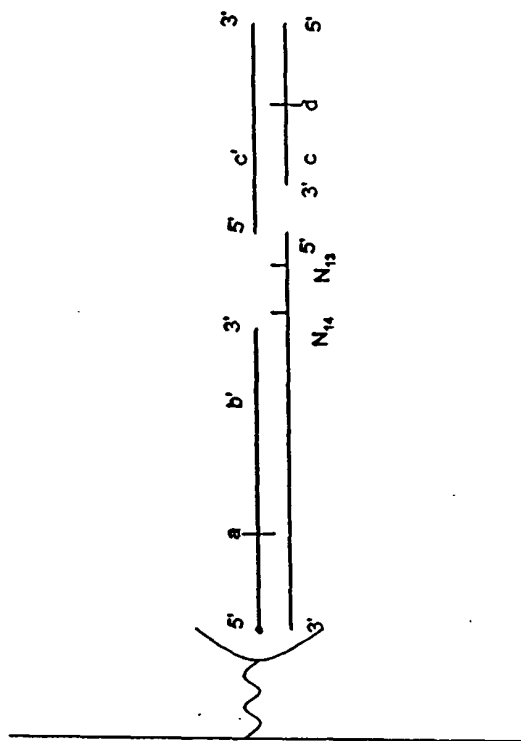


FIG. 1H

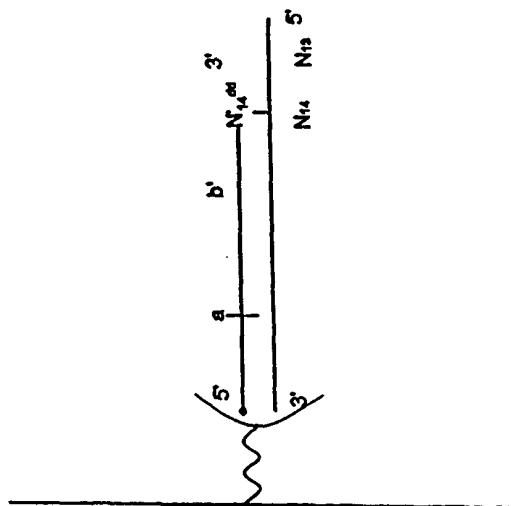


FIG. 1I

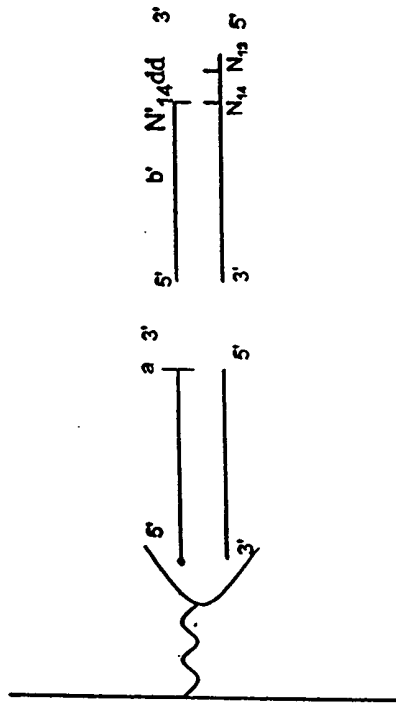
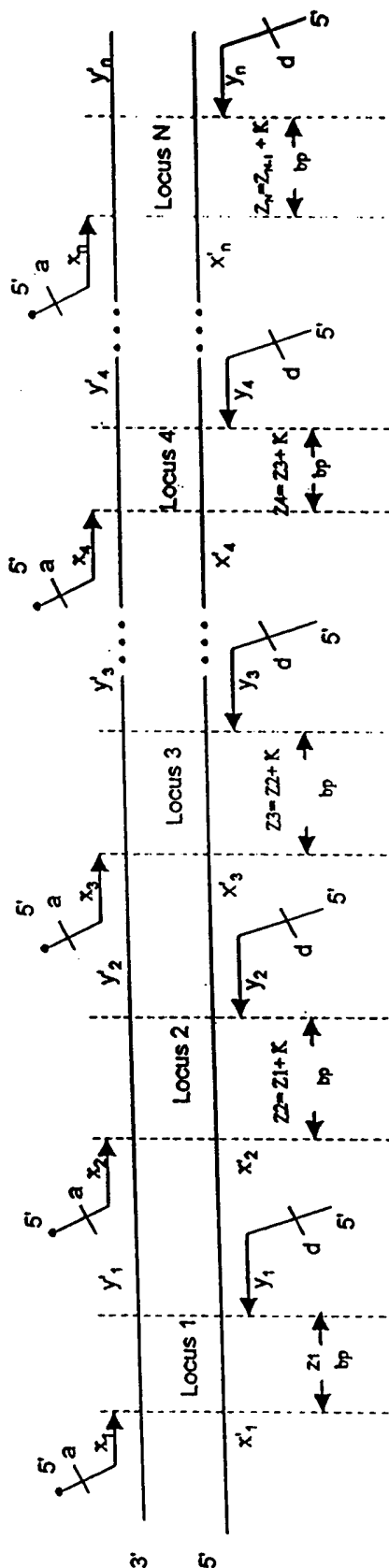


FIG. 2



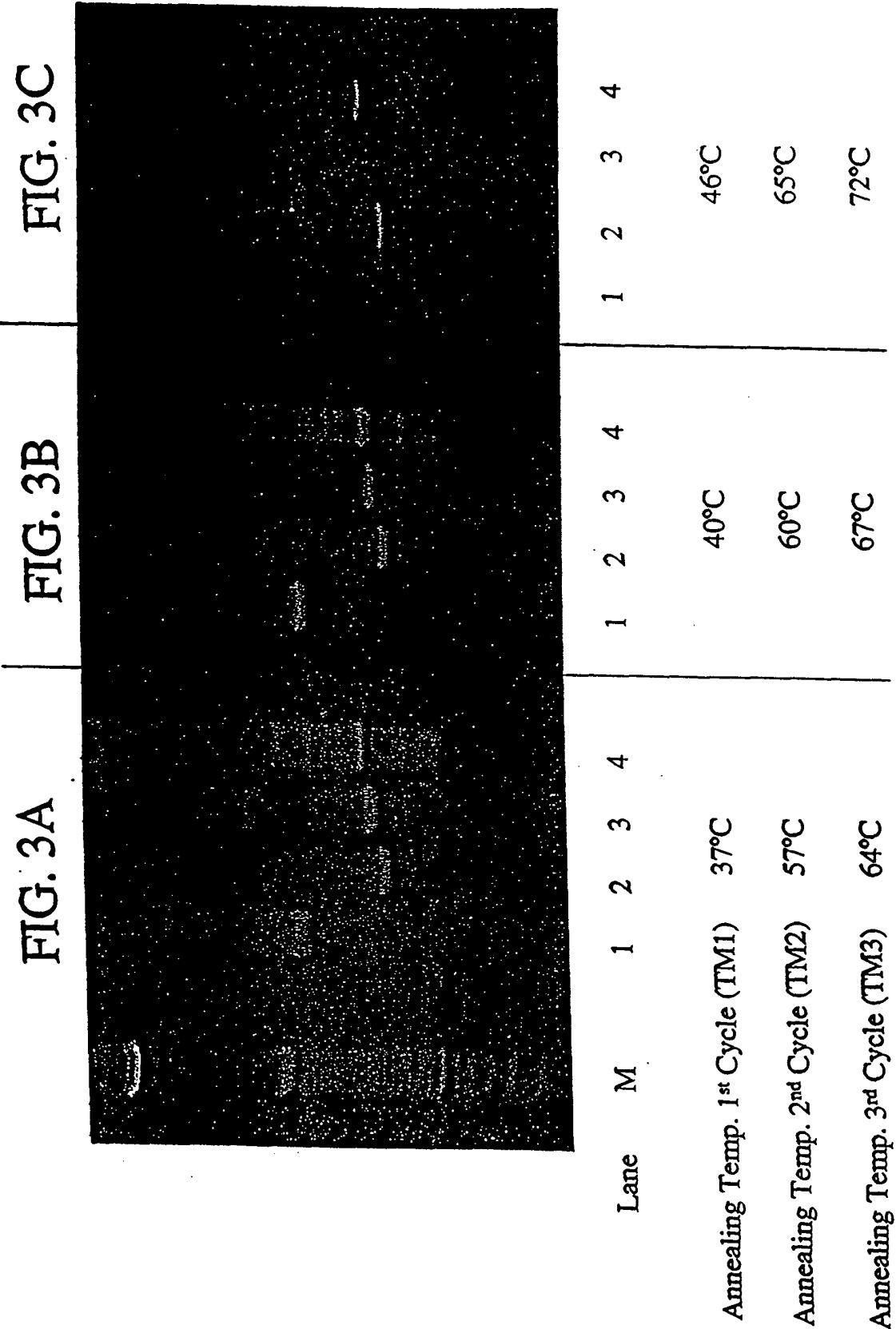


FIG. 4A

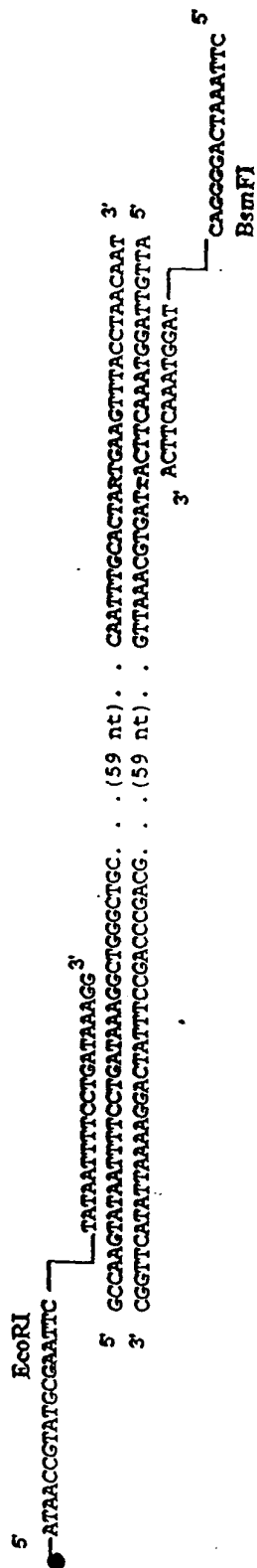


FIG. 4B

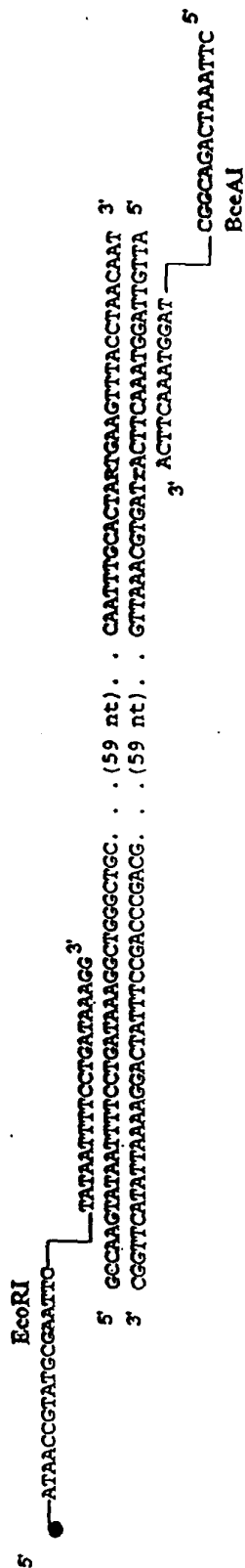


FIG. 4C

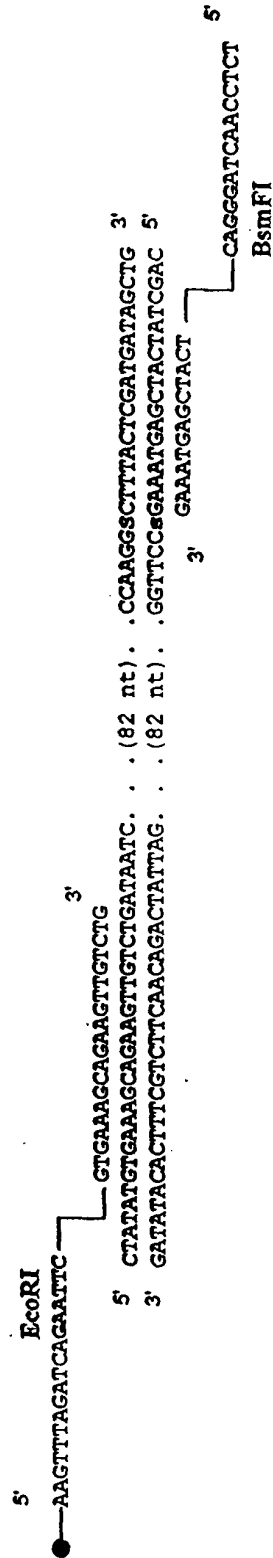


FIG. 4D

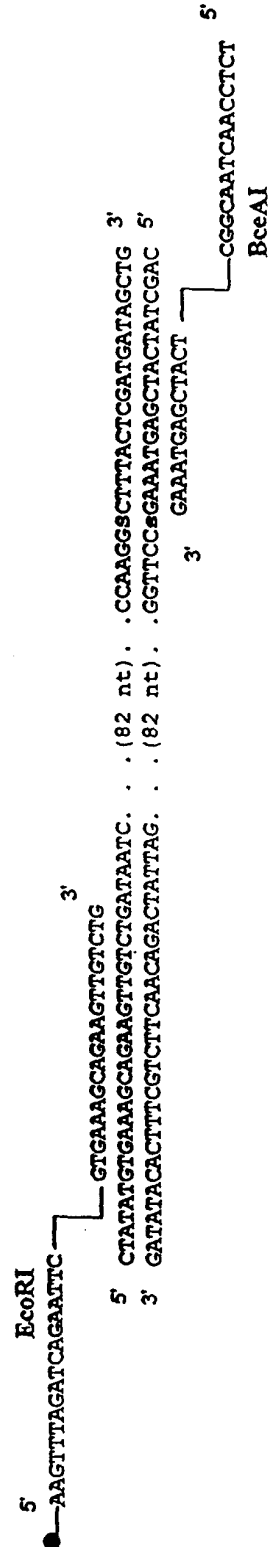


FIG. 5A

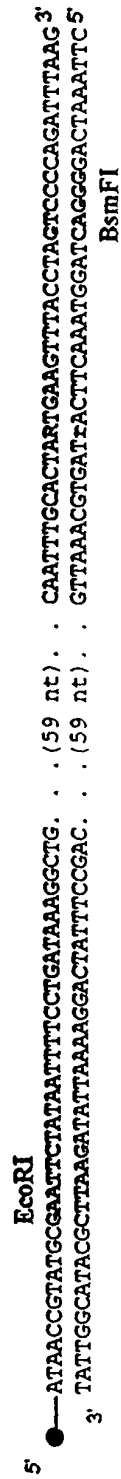


FIG. 5B

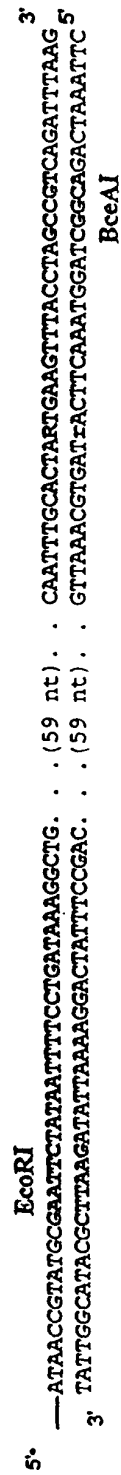


FIG. 5C

5' ● AAGTTTAGATCAGAATTCGTGGAAGCAGAGTTGTCTGATAATC. . . (82 nt) . . . CCAAGGSCTTTACTCGATGAGTCCCTTATCGTGAT 3'
3' TTCAAAATCTAGTCTTAAGCACCTTTCGTCTTCAACAGACTATTAG. . . (82 nt) . . . GGTTCCsGAAATGAGCTACTCAGGGGAATAGCACTA 5'
BsmFI

FIG. 5D

5' ● AAGTTTAGATCAGAATTCGTGGAAGCAGAGTTGTCTGATAATC. . . (82 nt) . . . CCAAGGSCTTTACTCGATGAGCCTTATCGTGAT 3'
3' TTCAAAATCTAGTCTTAAGCACCTTTCGTCTTCAACAGACTATTAG. . . (82 nt) . . . GGTTCCsGAAATGAGCTACTCGGCAATAGCACTA 5'
BceAI

FIG. 6A

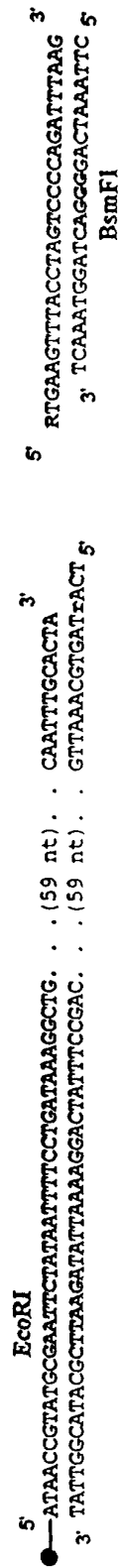


FIG. 6B

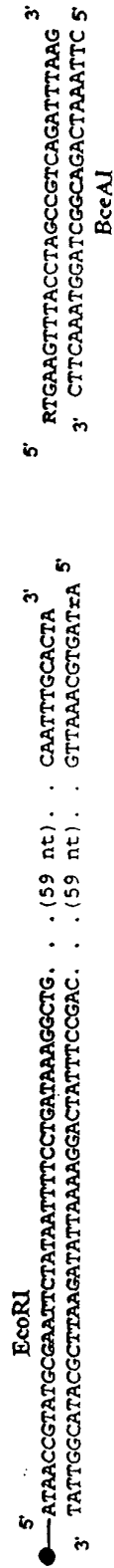


FIG. 6C

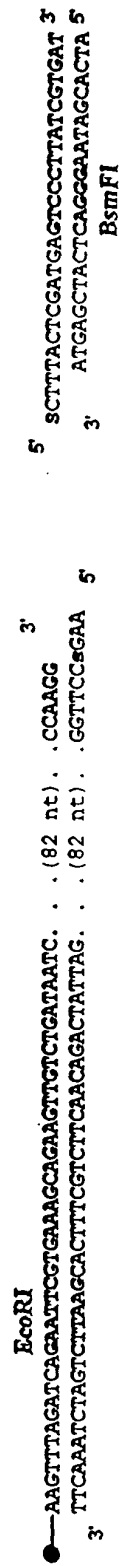


FIG. 6D

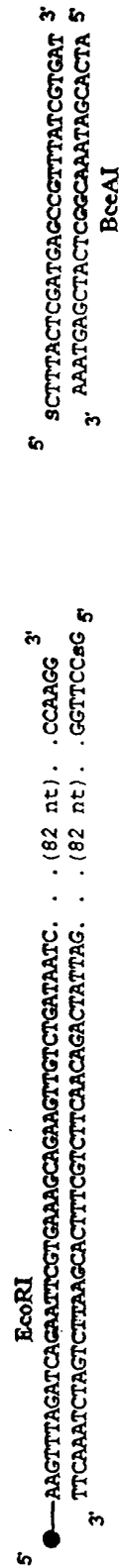


FIG. 7A

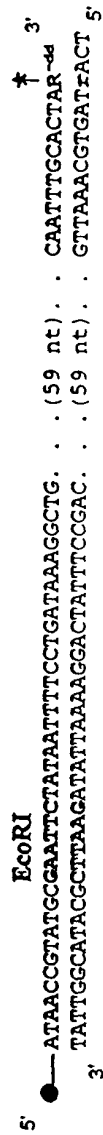


FIG. 7B

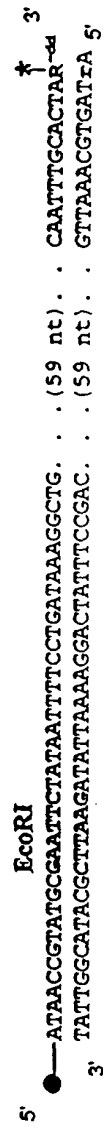


FIG. 7C

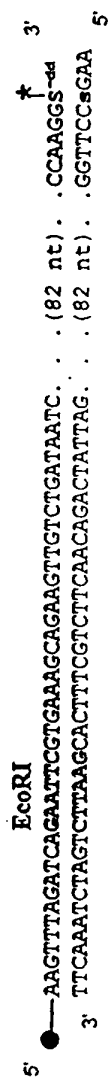


FIG. 7D

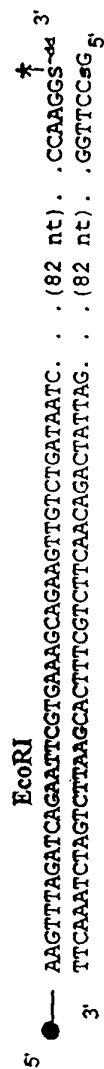


FIG. 7E

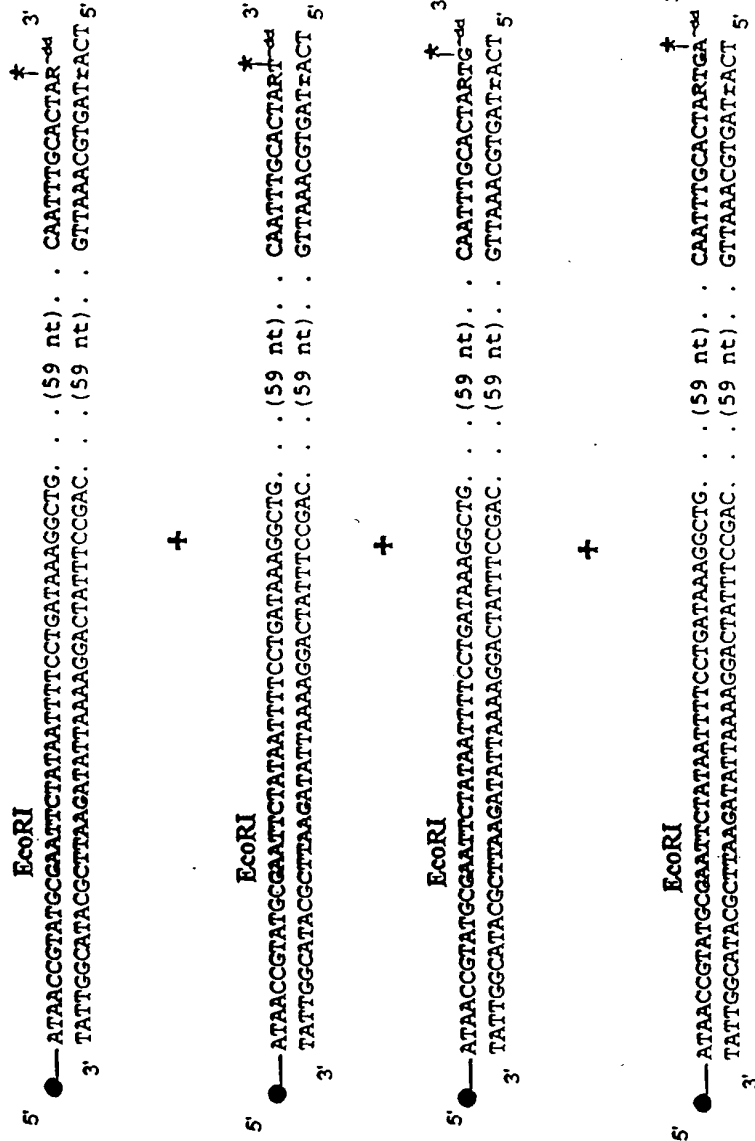


FIG. 8A

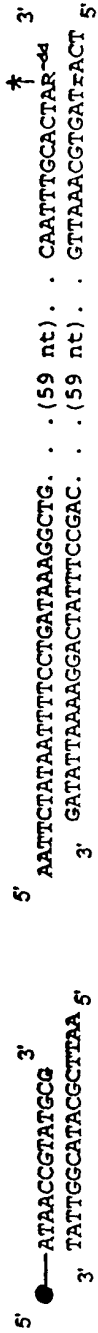


FIG. 8B

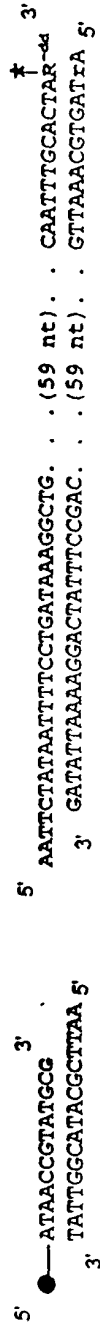


FIG. 8C

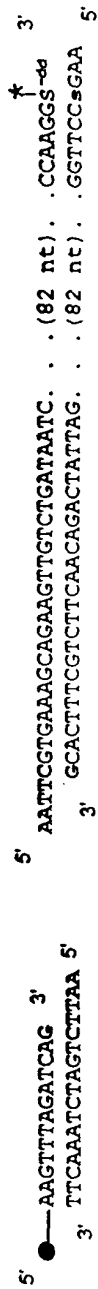


FIG. 8D

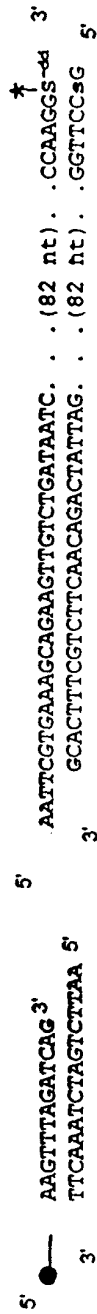
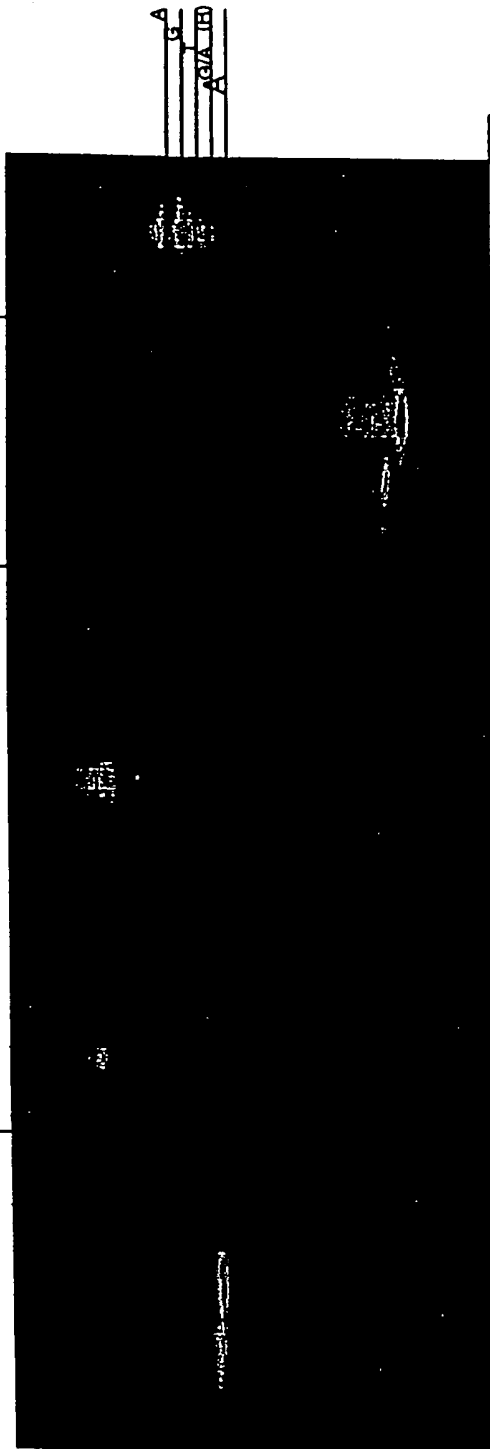


FIG. 9A | FIG. 9B | FIG. 9C | FIG. 9D



Nucleotides	G	A	T	C	G	A	T	C	G	A	T	C	
SNP	HC21S00027				TSC0095512				TSC0264580				HC21S00027
Restriction enzyme site on second primer	BceA I				BceA I				BsmF I				BsmF I
.5' Overhang	3'A T r A 5'				3'G C s G 5'				3' T 10/14 cut A r C C C 5'				3'A 10/14 cut T r A C T 5'
R	G/A								3'A 11/15 cut T A r C C 5'				3'T 11/15 cut A T r A C 5'
S					G/C				A/C				G/A

FIG. 10

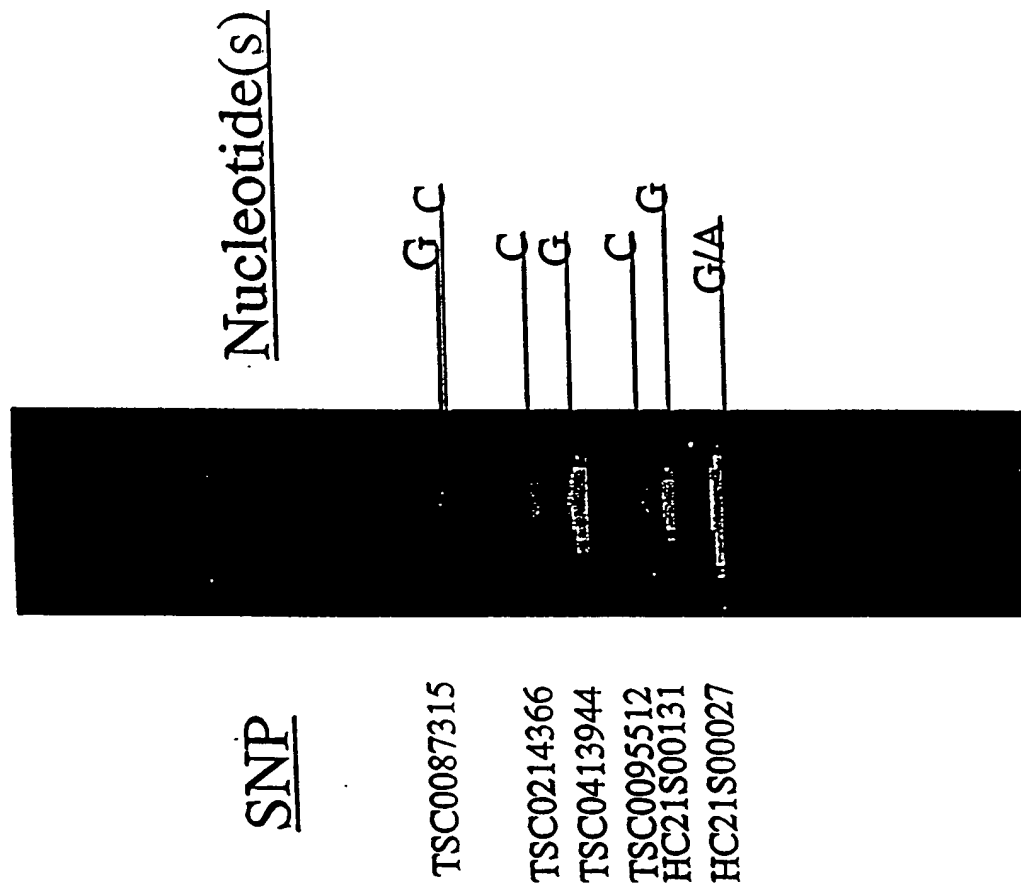


FIG.11A

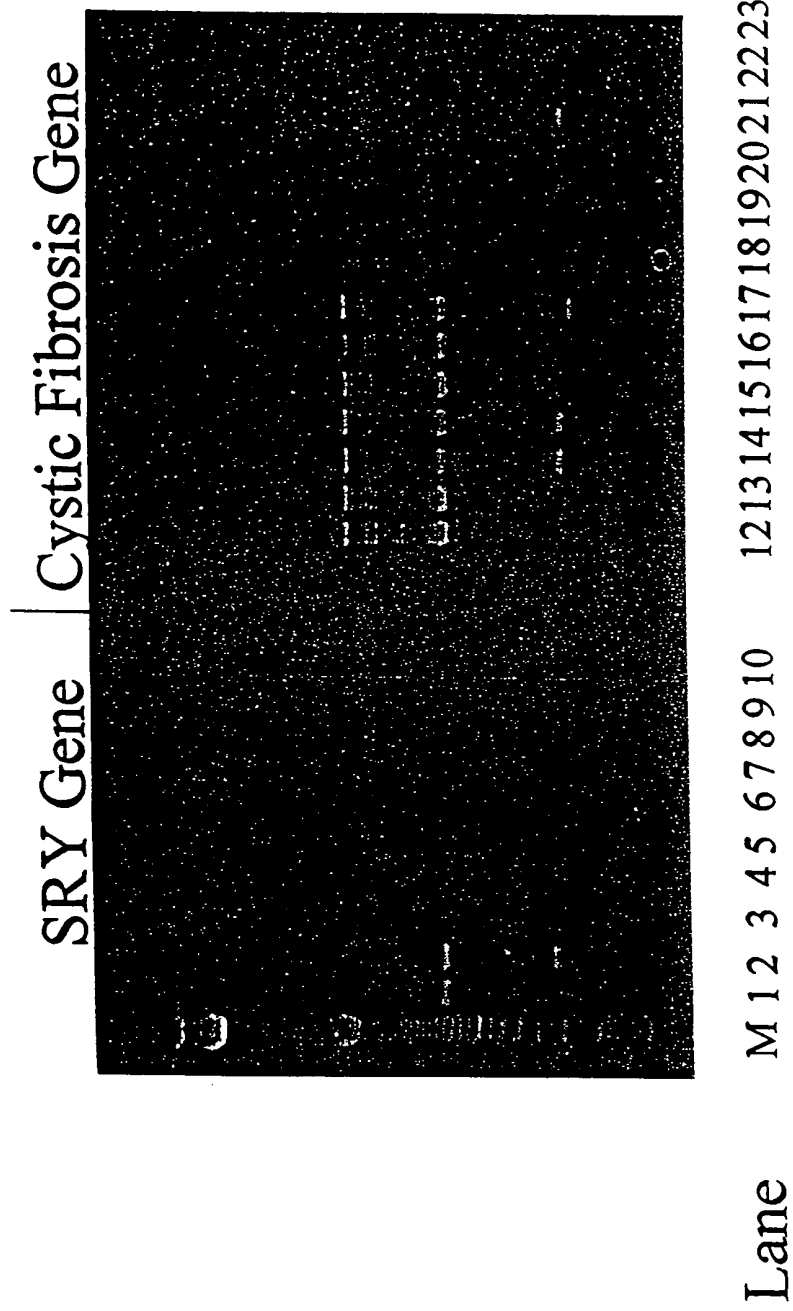


FIG. 11B

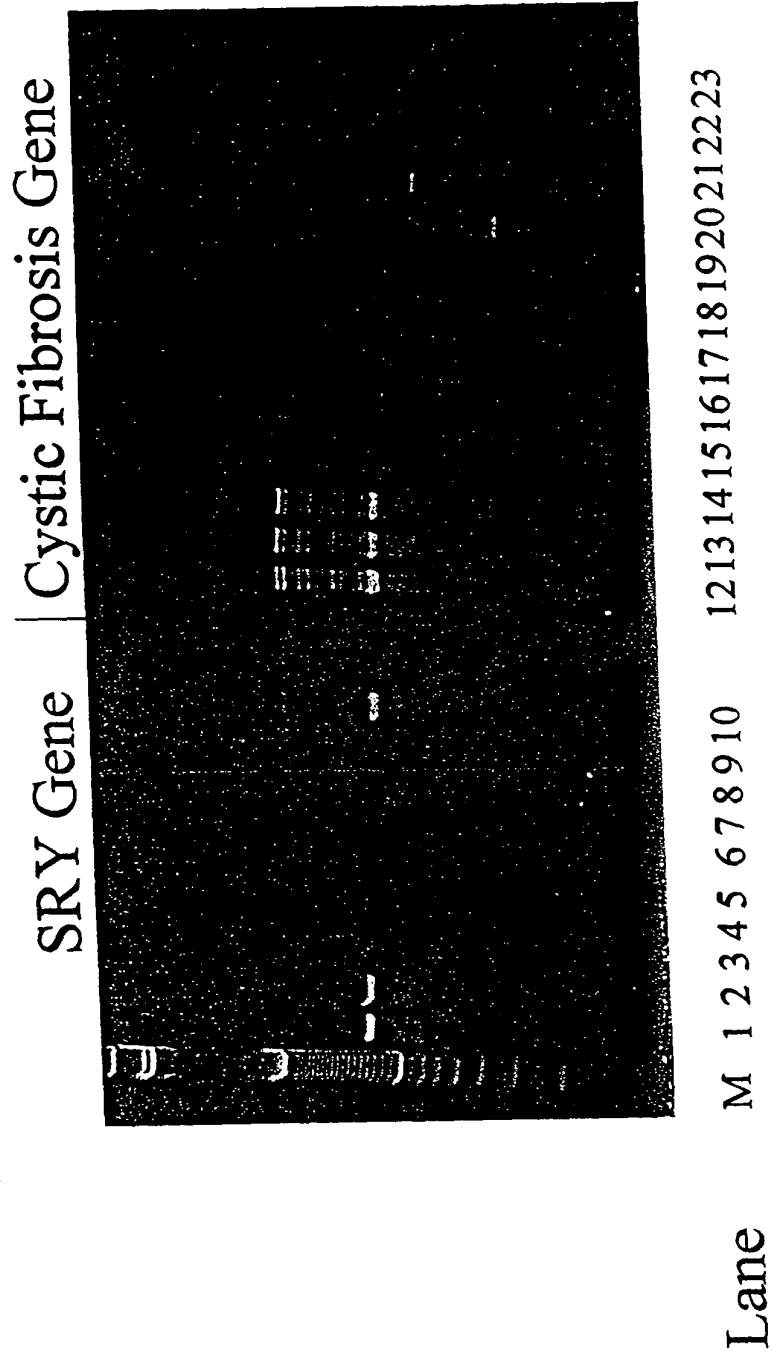


FIGURE 12

Chromosome SNP Nucleotide Nucleotide Ratio	21		21		13		13		13	
	TSC 0115603		TSC0309610		ss813773		TSC0198557		TSC0200347	
	T	A	T	C	A	C	T	C	T	C
	36:63		66:33		46:54		49:51		50:49	

FIG. 13

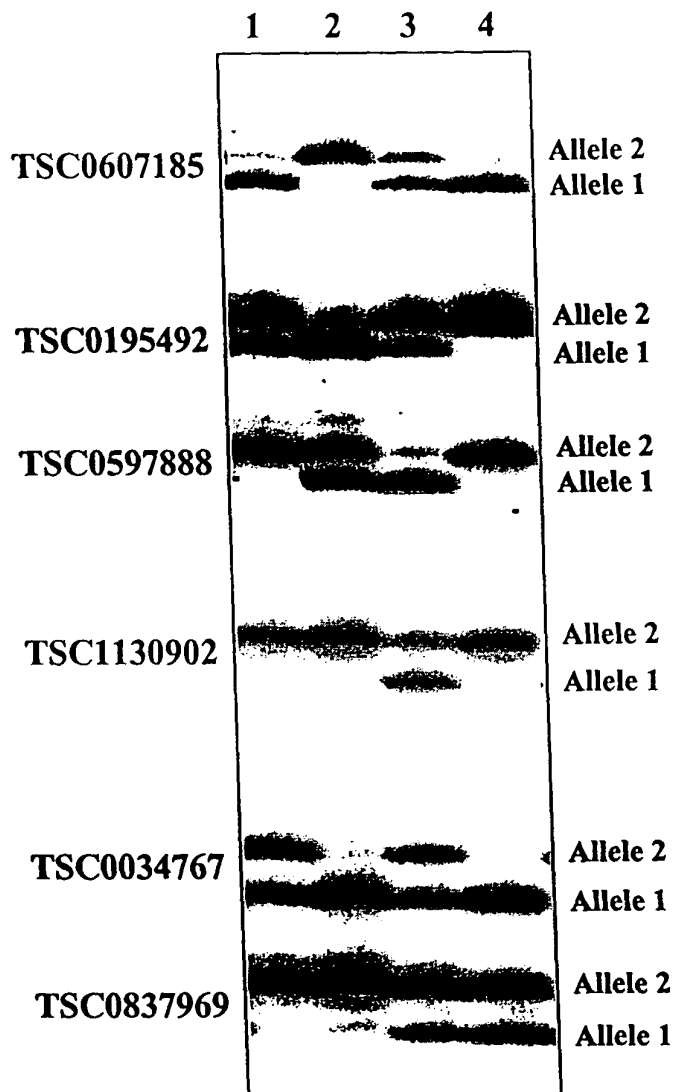
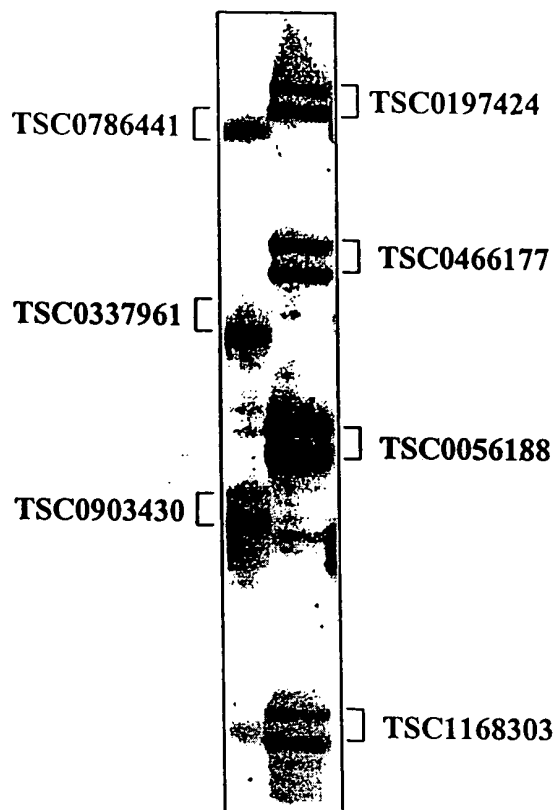


FIG. 14



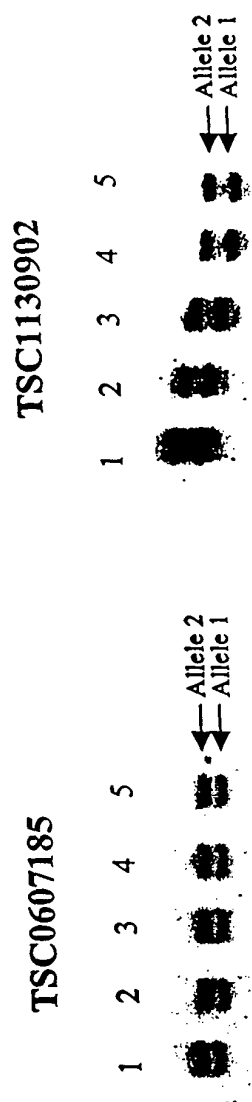


FIG. 15

FIG. 16



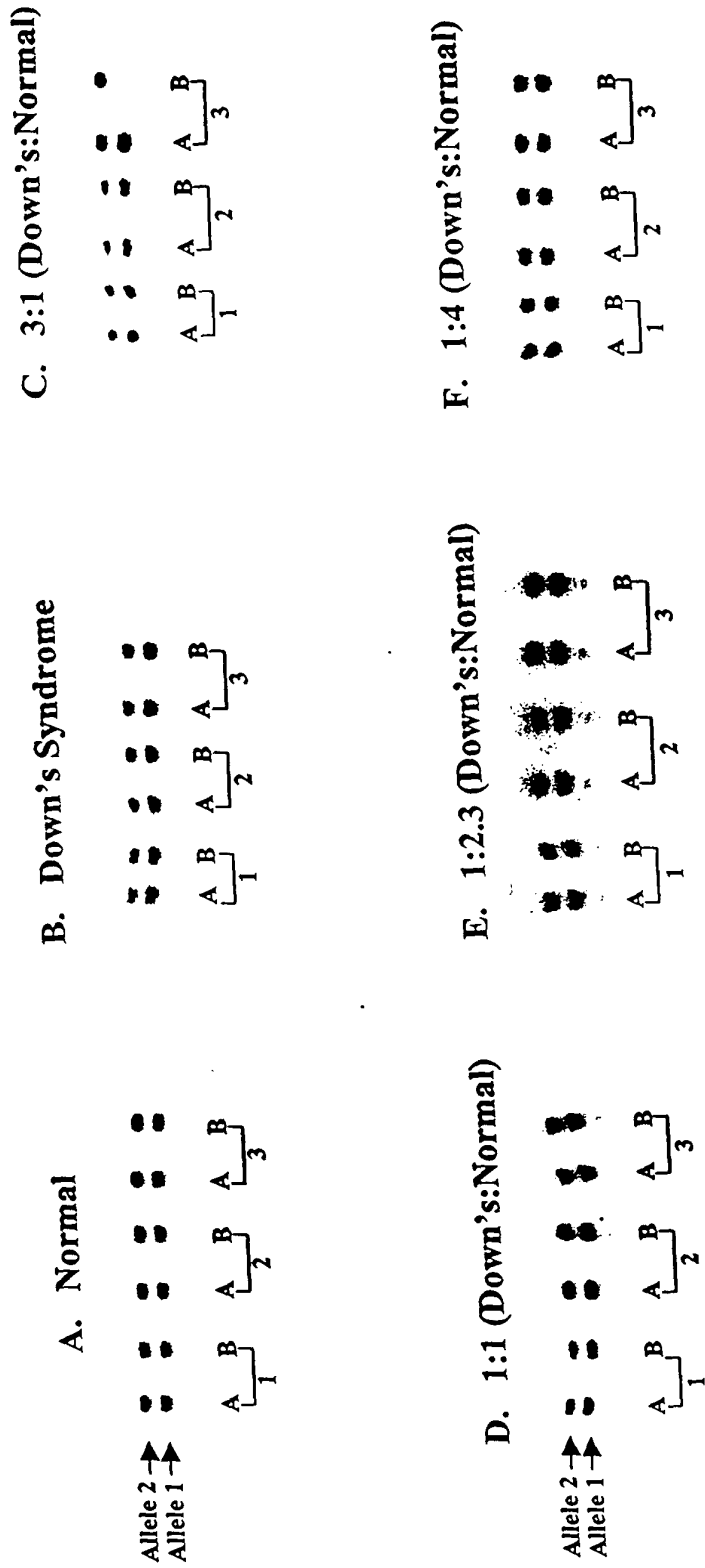


FIG. 17

FIG. 18

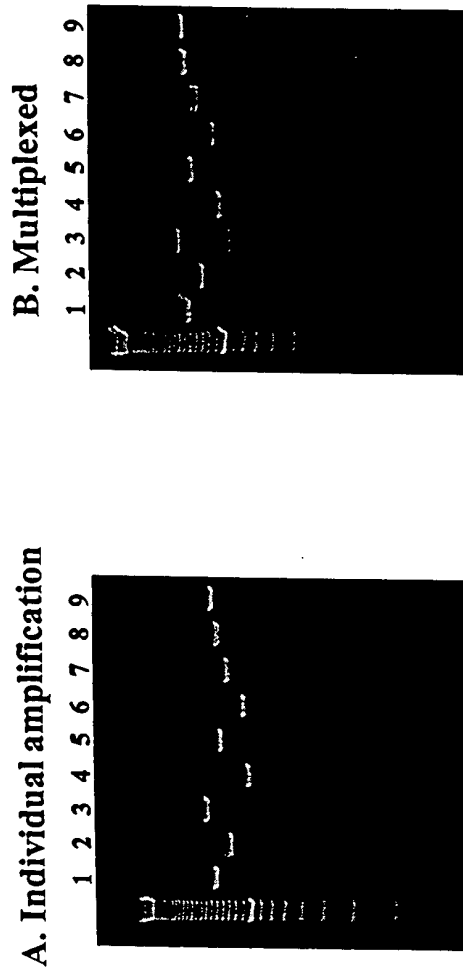


FIG. 19



FIG. 20

